
Subject: Better Root Finder

Posted by [Max Watson](#) on Sun, 15 Apr 2007 04:55:41 GMT

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IDL's `fx_root` seems very limited; when I want to find the root of say $x^3 - 8$ with the initial guess vector `[-1,-100,100]`, IDL returns a complex number: `( -1.00000, 1.73205)`. Is there a way that `fx_root` can be easily modified so that it can find the right answer with a bad initial guess?
